

Angled
Orientation

PROJECT

CATALOG #

TYPE

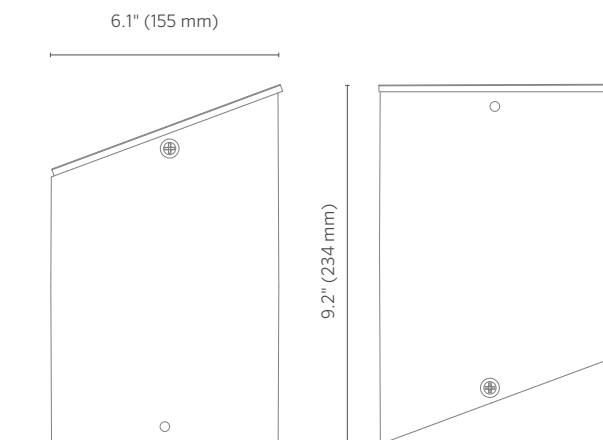
NOTES

KG Well Light **DESIGNER PREMIUM**

Reversible angled or flat-top well light in 3, 6, or 9 LED.
RGBW capable with **Luxor®** systems.

Quick Facts

- Die-cast brass or aluminum construction
- Powder-coat, natural, or antiqued brass finishes
- Cree® integrated LEDs
- Reversible design for flat or angled installation
- Tamper-resistant features
- Compatible with Luxor technology
- Phase and PWM dimmable
- Input voltage: 10-15V



KG Well Light SPECIFICATIONS

Output	3LED	6LED	9LED	ZDC
Total Lumens [†]	128	265	321	123
Input Voltage	10 to 15V	10 to 15V	10 to 15V	11 to 15V
Input Power (W)	4.2	8.2	10.0	9.1
VA	4.5	9.7	10.7	11.0
Efficacy (Lumens/Watt)	30	32	32	23
Color Rendering Index (CRI)	80+	80+	80+	80+
Center Beam Candlepower*				
Spot (17-20)	408	747	901	166
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**	--
RGBW Available	No	No	No	Yes
Luxor Compatibility				
Default	Zoning	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life (L90/B10)	55,000 Hrs	55,000 Hrs	55,000 Hrs	55,000 Hrs

* Information not available for Flood or Wide Flood.

** For optimal performance, use a trailing-edge, phase-cut dimmer.

† Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

Materials

Die-cast C360 brass, A380 aluminum, or composite grid faceplate and aluminum A380 sealed housing with stainless steel hardware. ABS construction sleeve.

Socket

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the fixture.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coat for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life in excess of the rated 50,000 hrs. Field upgradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A.

Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 30°-32°, or 55°-58° distributions ordered pre-assembled to fixture. Color temperature and beam angle lenses field serviceable. Beam angle is calculated using LM-79 method for SSL luminaires.

Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 5' (1.5 m) length

Power

Input 10-15 VAC, 50/60 Hz. Remote transformer required (specify separately).

Housing

Die-cast aluminum housing with capacity for 1LED, 3LED, 6LED, 9LED, or ZDC integrated LEDs.

Construction Sleeve

Bronze-colored ABS composite construction sleeve with flat (0°) or angled (20°) installation options.

Faceplate

Die-cast brass or aluminum flat faceplate with window and hemicycle eye drop pattern or composite grid with CB finish.

Lens

Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress.

Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

Hardware

Black oxide stainless steel hardware.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

Weight

3.8 lbs. (1.7 kg)

Control

ZD or ZDC options utilize Luxor technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture is zoneable with Luxor.

Manufacturing

9001:2015 ISO certified facility

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

Installation Requirements

Designed for installation in the upward direction only.

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-7 by selecting the "e" version in parts builder.

Warranty

10-year limited warranty.

Listings



KG Well Light ORDERING INFORMATION

Fixture	Luxor Option	Compliance	Output	Finish		
KG*	■ [default] Zone	■ [default] UL Listed	■ 3LED 128 Lumens	■ BS Natural Brass		■ WG White Gloss 
	■ ZD Zone/Dim	■ e CE Certified	■ 6LED 265 Lumens	■ BZ Bronze Metallic		■ FW Natural Brass 
			■ 9LED 321 Lumens	■ DG Desert Granite		■ AL Almond 
	■ ZDC Zone/Dim/Color		■ [default] 123 Lumens	■ WI Weathered Iron		■ AB Antique Bronze 
				■ SB Sedona Brown		■ AT Antique Tumbled 
				■ FB Black		■ NP Nickel Plate 
				■ CB** Camo Bronze		

**Composite grid faceplate

EXAMPLE FIXTURE CONFIGURATION: KG-ZD-6LED-BS

KG

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*Includes 6" (152 mm) Reversible (Flat/Angled) Conduit Sleeve (250011630000)

Accessory: Specify Separately

Item	Code
■ CLEAR PROTECTIVE INSERT 2.5" (64 mm) x 12" (305 mm)	KG-CPI

KG 3LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
		Vertical 23.9°	Horizontal 23.8°
4.2' (1.3 m)	22.8 fc (245 lx)	1.8' (0.6 m)	1.8' (0.6 m)
8.3' (2.5 m)	5.7 fc (61 lx)	3.5' (1.1 m)	3.5' (1.1 m)
12.5' (3.8 m)	2.5 fc (27 lx)	5.3' (1.6 m)	5.3' (1.6 m)
16.7' (5.1 m)	1.5 fc (16 lx)	7.0' (2.1 m)	7.0' (2.1 m)
20.8' (6.3 m)	0.9 fc (10 lx)	8.8' (2.7 m)	8.8' (2.7 m)
25.0' (7.6 m)	0.6 fc (7 lx)	10.6' (3.2 m)	10.5' (3.2 m)

KG 6LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
		Vertical 27.8°	Horizontal 27.9°
4.2' (1.3 m)	42.7 fc (460 lx)	2.1' (0.6 m)	2.1' (0.6 m)
8.3' (2.5 m)	10.7 fc (115 lx)	4.1' (1.3 m)	4.1' (1.3 m)
12.5' (3.8 m)	4.8 fc (52 lx)	6.2' (1.9 m)	6.2' (1.9 m)
16.7' (5.1 m)	2.7 fc (29 lx)	8.3' (2.5 m)	8.3' (2.5 m)
20.8' (6.3 m)	1.7 fc (18 lx)	10.3' (3.1 m)	10.3' (3.1 m)
25.0' (7.6 m)	1.2 fc (13 lx)	12.4' (3.8 m)	12.4' (3.8 m)

KG 9LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
		Vertical 27.9°	Horizontal 27.0°
4.2' (1.3 m)	51.7 fc (557 lx)	2.1' (0.6 m)	2.0' (0.6 m)
8.3' (2.5 m)	13.0 fc (140 lx)	4.1' (1.3 m)	4.0' (1.2 m)
12.5' (3.8 m)	5.8 fc (62 lx)	6.2' (1.9 m)	6.0' (1.8 m)
16.7' (5.1 m)	3.2 fc (35 lx)	8.3' (2.5 m)	8.0' (2.4 m)
20.8' (6.3 m)	2.1 fc (23 lx)	10.4' (3.2 m)	10.0' (3.1 m)
25.0' (7.6 m)	1.4 fc (15 lx)	12.4' (3.8 m)	12.0' (3.7 m)

KG zDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
		Vertical 54.4°	Horizontal 38.9°
4.2' (1.3 m)	4.4 fc (47 lx)	4.4' (1.3 m)	3.0' (0.9 m)
8.3' (2.5 m)	1.1 fc (12 lx)	9.0' (2.7 m)	6.1' (1.9 m)
12.5' (3.8 m)	0.5 fc (5 lx)	13.4' (4.1 m)	9.2' (2.8 m)
16.7' (5.1 m)	0.3 fc (3 lx)	17.8' (5.4 m)	12.2' (3.7 m)
20.8' (6.3 m)	0.2 fc (2 lx)	22.3' (6.8 m)	15.3' (4.7 m)
25.0' (7.6 m)	0.1 fc (1 lx)	26.7' (8.1 m)	18.3' (5.6 m)

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